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23 AUG 1960

MEMORANDUM FOR: Chairman, ELINT Advisory Committee

SUBJECT: ELINT Research & Development

REFERENCE: Memo to Members EAC, subj. as above, 23 May 1960
fm ad hoc Group

1. I do not agree with the delineation of responsibilities for ELINT R & D as outlined in the report of the ad hoc Group designated by the EAC to study the problem.

2. I have heard no reasons valid or otherwise to support such a division of responsibilities as is proposed. The report of the ad hoc Group gives no reasons or justification for the division of responsibilities it recommends. It does not state the Agency ELINT requirements upon which the total R & D effort must be based nor does it make an analysis of what R & D effort is required in the ELINT categories it defines.

3. It is not logical in my opinion to divide the responsibilities for ELINT as discussed in the reference. One component should be assigned the responsibility for providing R & D for ELINT, with the one exception noted below, i. e., airborne ELINT equipment. The Office of Communications is presently providing within the funds limitations imposed, R & D for ELINT with the exception of that for airborne use. The O C R & D effort is devoted to applied research and equipment development leading to the installation, operation and maintenance of: (a) staff communications, (b) clandestine (Agent) communications, (c) COMINT operations, (d) ELINT operations, (e) communications security activities, and (f) My experienced headquarters and field organization has demonstrated its competency in these fields. ELINT equipment is not basically different from equipment required in the fields just listed. This is particularly true of agent ELINT equipment and agent communications equipment. The same kind of electronic engineers with the same design skills and knowledge of the "state of the art" are required in the development of both ELINT and communications equipment for agent use.

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I can see no advantage to the Agency in the proposed divisions of responsibility for ELINT R & D except as noted below.

4. I concur in the assignment to DPD of responsibility for ELINT R & D for airborne operations.

5. Attached are my recommendations for assignment of ELINT R & D and support responsibilities.


Director of Communications

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Attachment

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**PROPOSED R & D AND SUPPORT
RESPONSIBILITIES FOR AGENCY COMPONENTS**

I. ELINT R & D AND SUPPORT RESPONSIBILITIES OF O/C

The Office of Communications has responsibility for R & D of all ELINT collection equipment (except as covered in II below) and technical support and guidance including field analysis, and training of personnel both agent and staff for the operation of such ELINT equipment.

II. ELINT R & D and SUPPORT RESPONSIBILITIES OF DPD

DPD has responsibility for all technical support and guidance



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20 May 1960

MEMORANDUM FOR: Chairman, ELINT Advisory Committee**SUBJECT**

: Report of Ad Hoc Group on R&D and Support Responsibilities for clandestine ELINT Equipment

REFERENCES

- : (a) Memorandum by ESO/SI dated 19 April 1960. same subject
- (b) Memorandum by Assistant Director dated 19 June 1958 on Agency ELINT Responsibilities

1. In accordance with reference (a), an Ad Hoc Group consisting of the following has drafted a report attached herewith for your consideration:

Chief, SPS, O/C
TSD, DD/P
Div. D, DD/P
ESO/SI

2. The Ad Hoc Group has completed the first phase of its work. It proposes a new delineation of responsibilities for R&D and Technical support within the Agency; it has carefully examined the existing program and believes that a change in the present activities of O/C and TSD to this new concept can be accomplished during FY 1961 without adversely affecting existing operations; it believes that the time has arrived for the issuance of an Agency ELINT Regulation defining the Agency ELINT responsibilities as a whole.

Chairman, Ad Hoc Group

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Attachment 1

**REPORT OF AD HOC GROUP ON ELINT R&D AND SUPPORT
RESPONSIBILITIES FOR AGENCY COMPONENTS**

PROBLEM

1. The memorandum of 19 June 1958 on "Agency ELINT Responsibilities" is explicit in all areas except R&D and technical support. At that time, assignment of this responsibility was not delineated; rather, it was to be "subject of an amendment to be issued later." To date, this has not been done.

2. In view of recent support problems, the Chairman of the EAC requested an Ad Hoc Group to review the Agency ELINT R&D responsibilities and make a recommendation for suggested assignments to Agency components.

DISCUSSION

3. The Ad Hoc Group reviewed the scope of the R&D effort of the Agency and found that these activities fall logically into two major categories and several well defined sub-groups as follows:

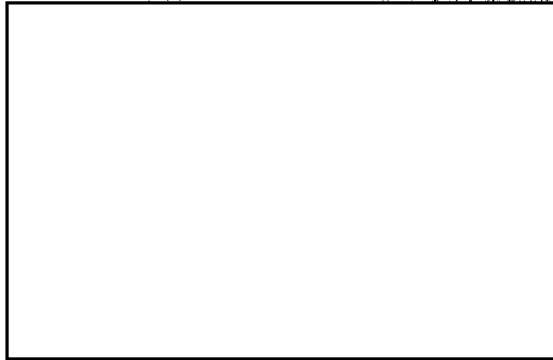


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Attachment 1



4. At the present time O/C has some support responsibilities in all of the above types of activity, whereas TSD has been involved in certain instances only in the design for concealment. It is the consensus of the Ad Hoc Group that it is logical for O/C to retain full responsibility for those activities that fall into the first major category. TSD and DPD for those that can be classified within the second category. Specifically, it is recommended that all the R&D and Support responsibilities for Agency components be delineated in accordance with the proposal contained in Tab A.

5. Since it is impossible to go immediately from the present program to the new, it is recognized that a transition period of about one year will be needed to effect transfer of those projects that will be affected. The Office of Communications will therefore continue R&D in those areas and provide support during the transition period. TSD can, however, begin immediately the R&D effort toward implementation of its new responsibilities.

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6. As a part of the Agency competence for clandestine technical collection, emphasis must be given to R&D in the field of clandestine ELINT. Further, the Agency has a unique responsibility to the Intelligence Community for fundamental research in this area; the Department of Defense has the primary responsibility for R&D support of non-clandestine ELINT.

RECOMMENDATIONS

7. That the EAC recommend to Command authority that the responsibilities for Agency ELINT R&D be assigned in accordance with Tab A.

8. That these responsibilities and those previously assigned be published as an Agency regulation.

9. That the Ad Hoc Group be charged with monitoring a program for transferring support from O/C to TSD during the transition period.

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Tab A

**PROPOSED R&D AND SUPPORT RESPONSIBILITIES
FOR AGENCY COMPONENTS**

I. ELINT R&D and Support Responsibilities of TSD

TSD has responsibility for R&D and technical support and guidance of clandestine ELINT collection including fundamental and applied research, development of equipment, procurement of equipment, and clandestine agent training and handling under direction of Foreign Intelligence case officers.

II. ELINT R&D and Support Responsibilities of O/C

The Office of Communications has responsibility for R&D and technical support and guidance of non-clandestine Fixed and Mobile ELINT collection, including field analysis, equipment systems development, and procurement of equipment.

III. ELINT R&D and Support Responsibilities of DPD

DPD has responsibility for all technical support and guidance of Airborne operations including development of equipment systems and procurement of equipment.

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Tab A

IV. ELINT R&D and Support Responsibilities of OSI

The Office of Scientific Intelligence has responsibility for technical support and guidance of ELINT Signal analysis activities including applied research and development and procurement of equipment.

V. ELINT R&D Responsibilities of ERAC

The ELINT Research Advisory Committee (ERAC) is advisory to the EAC with respect to coordination of the Agency ELINT R&D Program.

VI. ELINT R&D Responsibility of ESO

The ESO provides guidance and staff assistance to all Agency components as appropriate. The ESO also provides the Chairman and staff assistance to ERAC.

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